

FLYMA-JET

Aeration for Waste Water Treatment and Aquaculture

5.5 kW – 11 kW SS 316 Housing



FLYMAR LTD.

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General Specification

Model	JSF 055-F1200	JSF 075-F1200	JSF 110-F1200
Power [kW/Hp]	5.5 / 7.5	7.5 / 10	11 / 15
Voltage [V] - Phase - Frequency	380V / 660V – 3 Ph. – 50 Hz		
Rated Current [A]	11.2	14.7	21
Insulation Class	F		
Protection Class	IP55		
Propeller	Marine Type		
Propeller Speed - Approx. [rpm]	2910	2910	2930
Float	IF.20.0A x 2	IF.20.0A x 2	IF.20.0A x 2
Weight – Approx. [Kg]	172	207	243

Technical Data for Aerator and Mixing Tank

Oxygen Transfer Rate [Kg. O ₂ / Hr.]	11.2	14.9	22.4
Minimum Depth [m]	1.5	2	2.5
Maximum Depth [m]	3.5	4	5
Working Distance [m]	23	25	33
Mixing Volume [cu. m]	400	550	800

Material

Housing	Stainless Steel 316
Drive Shaft	Stainless Steel 316
Propeller	Stainless Steel 316
Mounting Bracket	Stainless Steel 304
Frame Assembly	Hot Dip Galvanized Steel
Nuts and Bolts	Stainless Steel 304
Float	Polyethylene – Polyurethane Foam Filled

Mixing volume calculated due to velocity gradient 50 Sec-1 and power unit volume 10 watt/cu.m.

Specification subject to change without notice